

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the paragraph on page 5, line 5 as follows:

In order to solve the above problem and to attain the above objective, a nozzle for coloring an electric wire of the present invention ~~described in claim 1~~ is a nozzle for coloring an electric wire, which spouts a liquid coloring agent with a specific amount thereof per spouting toward an outer surface of the electric wire so that a liquid drop of the coloring agent adheres to the outer surface of the electric wire, the nozzle including:

Please amend the paragraph on page 25, line 5 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 2~~ is characterized in that, regarding the nozzle for coloring an electric wire ~~described in claim 1~~, the step is formed flat in a direction crossing at right angles a direction in which the coloring agent flows in the first and second nozzle parts.

Please amend the paragraph on page 6, line 4 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 3~~ is characterized in that, regarding the nozzle for coloring an electric wire ~~described in claim 1~~, the step is formed flat in a direction crossing both a direction in which the coloring agent flows in the first and second nozzle parts and a direction crossing at right angles the direction in which the coloring agent flows.

Please amend the paragraph on page 6, line 10 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 4~~ is characterized in that, regarding the nozzle for coloring an electric wire ~~described in claim 3~~, the step is formed on at least one of the first and second nozzle parts.

Please amend the paragraph on page 6, line 14 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 5~~ is characterized in that, regarding the nozzle for coloring an electric wire ~~described in any one of claims 1-4~~, the first and second nozzle parts are connected coaxially to each other. That is, the first nozzle part is connected to and aligned with the second nozzle part.

Please amend the paragraph on page 6, line 20 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 6~~ is characterized in that, regarding the nozzle for coloring an electric wire ~~described in any one of claims 1-5~~, the nozzle satisfies a condition of  $8 \leq L/l \leq 10$ , wherein L is the sum of a length of the first nozzle part and a length of the second nozzle part in a direction in which the coloring agent flows, and l is the length of the second nozzle part in the direction in which the coloring agent flows.

Please amend the paragraph on page 7, line 1 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 7~~ is

characterized in that, regarding the nozzle for coloring an electric wire ~~described in any one of claims 1-5~~, the nozzle satisfies a condition of  $4 \leq D/d \leq 6$ , wherein D is an inner diameter of the first nozzle part, and d is an inner diameter of the second nozzle part.

Please amend the paragraph on page 7, line 6 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 8~~ is characterized in that, regarding the nozzle for coloring an electric wire ~~described in any one of claims 1-5~~, the nozzle satisfies a condition of  $8 \leq L/l \leq 10$ , wherein L is the sum of a length of the first nozzle part and a length of the second nozzle part in a direction in which the coloring agent flows, and l is the length of the second nozzle part in the direction in which the coloring agent flows, and also satisfies a condition of  $4 \leq D/d \leq 6$ , wherein D is an inner diameter of the first nozzle part, and d is an inner diameter of the second nozzle part.

Please amend the paragraph on page 7, line 15 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 9~~ is characterized in that, regarding the nozzle for coloring an electric wire ~~described in any one of claims 1-8~~, the second nozzle part is made of polyetheretherketone.

Please amend the paragraph on page 7, line 19 as follows:

A nozzle for coloring an electric wire of the present invention ~~described in claim 10~~ is a

nozzle for coloring an electric wire, which spouts a liquid coloring agent with a specific amount thereof per spouting toward an outer surface of the electric wire so that a liquid drop of the coloring agent adheres to the outer surface of the electric wire, the nozzle including:

Please amend the paragraph on page 8, line 9 as follows:

According to the present invention ~~described in claim 1~~, a part of the coloring agent spouted toward the outer surface of the wire through the first and second nozzle parts collides against the step that protrudes toward the inside of the first nozzle part. Then, the coloring agent that has collided against the step causes occurrence of a vortex between the first and second nozzle parts. The coloring agent is stirred by the vortex thus occurred.

Please amend the paragraph on page 9, line 18 as follows:

According to the present invention ~~described in claim 2~~, the step is flat in a direction crossing at right angles a direction in which the coloring agent flows. Therefore, when the coloring agent collides against the step, it causes occurrence of a vortex in the coloring agent and the coloring agent is stirred by the vortex thus occurred.

Please amend the paragraph on page 9, line 23 as follows:

According to the present invention ~~described in claim 3~~, the step is formed flat in a direction crossing both a direction in which the coloring agent flows in the first and second nozzle parts and

a direction crossing at right angles the direction in which the coloring agent flows. Therefore, the inner diameter of the nozzle part is gradually decreased because of the step as advancing to an end of the nozzle part. Thereby, the coloring agent that flows through the nozzle part (i.e. flows in the nozzle part) is not rapidly pressurized but gradually pressurized.

Please amend the paragraph on page 10, line 5 as follows:

According to the present invention ~~described in claim 4~~, the step is formed on at least one of the first and second nozzle parts. Therefore, the coloring agent that flows through the nozzle part is not rapidly pressurized but gradually pressurized securely.

Please amend the paragraph on page 10, line 9 as follows:

According to the present invention ~~described in claim 5~~, the first and second nozzle parts are connected coaxially to each other. Therefore, when the coloring agent collides against the step, the vortex occurs uniformly over the whole circumference of the first nozzle part, thereby the coloring agent is stirred.

Please amend the paragraph on page 10, line 14 as follows:

According to the present invention ~~described in claim 6~~, the nozzle satisfies such a condition that  $L/l$  is equal to or larger than 8 and equal to or smaller than 10, wherein  $L$  is the sum of a length of the first nozzle part and a length of the second nozzle part in a direction in which the coloring

agent flows, and  $l$  is the length of the second nozzle part in the direction in which the coloring agent flows. Therefore, when the coloring agent enters into the second nozzle part from the first nozzle part, the coloring agent is pressurized so as to maintain its form of a liquid drop (or liquid drops) upon spouting and to be spouted in a desired direction.

Please amend the paragraph on page 10, line 23 as follows:

According to the present invention ~~described in claim 7~~, the nozzle satisfies such a condition that  $D/d$  is equal to or larger than 4 and equal to or smaller than 6, wherein  $D$  is an inner diameter of the first nozzle part, and  $d$  is an inner diameter of the second nozzle part. Therefore, when the coloring agent enters into the second nozzle part from the first nozzle part, the coloring agent is pressurized so as to maintain its form of a liquid drop (or liquid drops) upon spouting and to be spouted in a desired direction.

Please amend the paragraph on page 11, line 5 as follows:

According to the present invention ~~described in claim 8~~, the nozzle satisfies such a condition that  $L/l$  is equal to or larger than 8 and equal to or smaller than 10, wherein  $L$  is the sum of a length of the first nozzle part and a length of the second nozzle part in a direction in which the coloring agent flows, and  $l$  is the length of the second nozzle part in the direction in which the coloring agent flows, and also satisfies such a condition that  $D/d$  is equal to or larger than 4 and equal to or smaller than 6, wherein  $D$  is an inner diameter of the first nozzle part, and  $d$  is an inner diameter of the

second nozzle part. Therefore, when the coloring agent enters into the second nozzle part from the first nozzle part, the coloring agent is pressurized so as to maintain its form of a liquid drop (or liquid drops) upon spouting and to be spouted in a desired direction.

Please amend the paragraph on page 11, line 17 as follows:

According to the present invention ~~described in claim 9~~, the second nozzle part is made of polyetheretherketone. Therefore, the coloring agent hardly adheres to the second nozzle part.

Please amend the paragraph on page 11, line 20 as follows:

According to the present invention ~~described in claim 10~~, the second nozzle part is made of polyetheretherketone. Therefore, the coloring agent hardly adheres to the second nozzle part.

Please amend the paragraph on page 11, line 25 as follows:

As explained above, according to the present invention ~~described in claim 1~~, the coloring agent collides against the step so that the coloring agent is stirred. Therefore, the concentration of a dye or pigment in the coloring agent is maintained uniform, thereby it can be avoided that an abnormally concentrated coloring agent adheres to the coloring nozzle.

Please amend the paragraph on page 12, line 21 as follows:

According to the present invention ~~described in claim 2~~, since the step is flat in a direction

crossing at right angles a direction in which the coloring agent flows, the coloring agent is securely stirred. Therefore, the coloring agent is prevented from adhering to the second nozzle part and the coloring agent with a specific amount thereof per spouting can be spouted securely toward a desired position on the outer surface of the wire. Therefore, the desired position on the outer surface of the wire can be colored with a desired color and the colored position can be maintained to have a desired area (i.e. size).

Please amend the paragraph on page 13, line 4 as follows:

According to the present invention ~~described in claim 3~~, since the coloring agent that flows through the nozzle part is not rapidly pressurized but gradually pressurized, the coloring agent can be pressurized without forming an air bubble in the nozzle part and can be accelerated. Therefore, the coloring agent to be spouted from the nozzle part toward the outer surface of the wire is securely spouted in a form of a liquid drop. Therefore, the coloring agent can securely adhere to the desired position on the wire without scattering to an undesired position. That is, the desired position of the outer surface of the wire can be securely colored.

Please amend the paragraph on page 13, line 14 as follows:

According to the present invention ~~described in claim 4~~, since the coloring agent that flows through the nozzle part is not rapidly pressurized but gradually pressurized, the coloring agent can be pressurized without forming an air bubble in the nozzle part and can be accelerated. Therefore,



the coloring agent to be spouted from the nozzle part toward the outer surface of the wire is securely spouted in a form of a liquid drop (or liquid drops). Therefore, the coloring agent can securely adhere to the desired position on the wire without scattering to an undesired position. That is, the desired position of the outer surface of the wire can be securely colored.

Please amend the paragraph on page 13, line 24 as follows:

According to the present invention ~~described in claim 5~~, the first and second nozzle parts are connected coaxially to each other. Therefore, the coloring agent is securely stirred uniformly. Therefore, the coloring agent is prevented from adhering to the second nozzle part and the coloring agent with a specific amount thereof per spouting can be spouted securely toward a desired position on the outer surface of the wire. Therefore, the desired position on the outer surface of the wire can be colored with a desired color and the colored position can be maintained to have a desired area (i.e. size).

Please amend the paragraph on page 14, line 7 as follows:

According to the present invention ~~described in claim 6~~, upon spouting, the coloring agent is pressurized so as to maintain a form of a liquid drop and so as to be spouted toward the desired position. That is, the coloring agent in a form of a liquid drop is securely spouted toward the desired position on the outer surface of the wire with a specific amount thereof per spouting. The desired position on the outer surface of the wire can be colored with a desired color and the colored position

can be maintained to have a desired area (i.e. size).

Please amend the paragraph on page 14, line 15 as follows:

According to the present invention ~~described in claim 7~~, upon spouting, the coloring agent is pressurized so as to maintain a form of a liquid drop and so as to be spouted toward the desired position. That is, the coloring agent in a form of a liquid drop is securely spouted toward the desired position on the outer surface of the wire with a specific amount thereof per spouting. The desired position on the outer surface of the wire can be colored with a desired color and the colored position can be maintained to have a desired area (i.e. size).

Please amend the paragraph on page 14, line 23 as follows:

According to the present invention ~~described in claim 8~~, upon spouting, the coloring agent is pressurized so as to maintain a form of a liquid drop and so as to be spouted toward the desired position. That is, the coloring agent in a form of a liquid drop is securely spouted toward the desired position on the outer surface of the wire with a specific amount thereof per spouting. The desired position on the outer surface of the wire can be colored with a desired color and the colored position can be maintained to have a desired area (i.e. size).

Please amend the paragraph on page 15, line 5 as follows:

According to the present invention ~~described in claim 9~~, the second nozzle part is made of

polyetheretherketone, so that the coloring agent hardly adheres to the second nozzle part. Therefore, it can be prevented that the coloring agent that has adhered to the second nozzle part influences a direction in which the coloring agent is spouted. Therefore, the coloring agent with a specific amount thereof per spouting can be spouted securely toward a desired position on the outer surface of the wire. The desired position on the outer surface of the wire can be colored with a desired color. The colored position can be maintained to have a desired area (i.e. size).

Please amend the paragraph on page 15, line 15 as follows:

According to the present invention ~~described in claim 10~~, the second nozzle part is made of polyetheretherketone, so that the coloring agent hardly adheres to the second nozzle part. Therefore, it can be prevented that the coloring agent that has adhered to the second nozzle part influences a direction in which the coloring agent is spouted. Therefore, the coloring agent with a specific amount thereof per spouting can be spouted securely toward a desired position on the outer surface of the wire. The desired position on the outer surface of the wire can be colored with a desired color. The colored position can be maintained to have a desired area (i.e. size).